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Water-Data Report 2008

**394221075072201 Local number 151054 Rowan-1 Shallow Obs NJ Permit Number 31-33949**

Northern Atlantic Coastal Plain aquifer system  
Cohansey Sand-Kirkwood Formation

Gloucester County, NJ

LOCATION.--Lat 39°42'21", long 75°07'22" referenced to North American Datum of 1927, Glassboro Borough, Gloucester County, NJ, Hydrologic Unit 02040202, Rowan University, about 500 ft north of the intersection of Whitney and Oakwood Streets.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 36 ft. Upper casing diameter 2 in; top of first opening 31 ft, bottom of last opening 36 ft. Drilled water-table well.

DATUM.--Land-surface datum is 153.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of protective casing, 2.91 ft above land-surface datum, Dec. 5, 2006, to present.

PERIOD OF RECORD.--Mar. 1991 to current year.

GAGE.--Submersible logger pressure transducer--60-minute recording interval. Periodic measurements, Mar. 1991 to Nov. 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 16.24 ft below land surface, Apr. 18, 1997; lowest, 24.70 ft below land surface, Oct. 12-14, 16, 2002.

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	19.97	20.20	20.80	20.91	20.78	20.48	20.15	20.46	20.17	20.41	20.91	21.09
<b>2</b>	19.99	20.26	20.78	20.93	20.81	20.51	20.20	20.46	20.19	20.44	20.92	21.10
<b>3</b>	20.00	20.23	20.76	20.97	20.80	20.49	20.21	20.47	20.18	20.46	20.95	21.11
<b>4</b>	20.03	20.29	20.82	20.93	20.77	20.46	20.15	20.49	20.17	20.48	20.96	21.13
<b>5</b>	20.06	20.34	20.83	20.88	20.72	20.47	20.17	20.51	20.19	20.51	20.98	21.14
<b>6</b>	20.07	20.37	20.86	20.87	20.67	20.52	20.19	20.52	20.16	20.53	20.98	21.13
<b>7</b>	20.09	20.43	20.86	20.87	20.72	20.48	20.19	20.52	20.13	20.55	20.99	21.17
<b>8</b>	20.11	20.45	20.87	20.86	20.72	20.44	20.19	20.52	20.11	20.57	21.01	21.16
<b>9</b>	20.13	20.46	20.88	20.86	20.71	20.51	20.18	20.52	20.10	20.58	21.03	21.13
<b>10</b>	20.15	20.48	20.89	20.88	20.70	20.47	20.17	20.54	20.10	20.62	21.03	21.16
<b>11</b>	20.16	20.50	20.89	20.84	20.76	20.40	20.15	20.49	20.12	20.64	21.03	21.15
<b>12</b>	20.18	20.51	20.90	20.90	20.73	20.36	20.13	20.46	20.13	20.66	20.96	21.10
<b>13</b>	20.20	20.52	20.91	20.88	20.66	20.35	20.17	20.51	20.12	20.65	20.89	21.09
<b>14</b>	20.23	20.52	20.94	20.85	20.73	20.32	20.20	20.46	20.10	20.68	20.87	21.07
<b>15</b>	20.25	20.53	20.94	20.85	20.69	20.31	20.22	20.41	20.10	20.72	20.88	21.07
<b>16</b>	20.27	20.56	20.85	20.89	20.68	20.32	20.23	20.36	20.11	20.74	20.86	21.10
<b>17</b>	20.28	20.59	20.97	20.86	20.62	20.33	20.22	20.35	20.12	20.75	20.84	21.10
<b>18</b>	20.29	20.61	20.97	20.84	20.57	20.30	20.23	20.32	20.13	20.76	20.84	21.12
<b>19</b>	20.30	20.63	20.94	20.85	20.59	20.24	20.24	20.32	20.16	20.78	20.85	21.15
<b>20</b>	20.34	20.62	20.95	20.86	20.59	20.26	20.27	20.28	20.18	20.79	20.89	21.15
<b>21</b>	20.37	20.63	20.97	20.88	20.59	20.27	20.29	20.26	20.20	20.80	20.92	21.16
<b>22</b>	20.37	20.64	20.97	20.80	20.53	20.22	20.31	20.25	20.21	20.83	20.94	21.18
<b>23</b>	20.37	20.68	20.92	20.78	20.53	20.23	20.32	20.23	20.23	20.84	20.95	21.19
<b>24</b>	20.40	20.70	20.95	20.78	20.54	20.21	20.33	20.22	20.26	20.86	20.95	21.20
<b>25</b>	20.43	20.70	20.99	20.81	20.50	20.20	20.35	20.22	20.29	20.86	20.96	21.21
<b>26</b>	20.42	20.70	20.96	20.79	20.47	20.18	20.37	20.19	20.28	20.84	21.01	21.21
<b>27</b>	20.37	20.73	20.97	20.77	20.48	20.18	20.39	20.19	20.30	20.86	21.03	21.22
<b>28</b>	20.35	20.76	20.99	20.77	20.53	20.17	20.37	20.22	20.33	20.88	21.04	21.22
<b>29</b>	20.27	20.75	20.96	20.74	20.53	20.21	20.39	20.20	20.34	20.88	21.05	21.23
<b>30</b>	20.21	20.78	20.97	20.77	---	20.22	20.44	20.19	20.37	20.88	21.06	21.22
<b>31</b>	20.19	---	20.96	20.85	---	20.19	---	20.17	---	20.89	21.08	---
<b>Mean</b>	20.22	20.54	20.91	20.85	20.65	20.33	20.25	20.36	20.19	20.70	20.96	21.15
<b>Max</b>	20.43	20.78	20.99	20.97	20.81	20.52	20.44	20.54	20.37	20.89	21.08	21.23
<b>Min</b>	19.97	20.20	20.76	20.74	20.47	20.17	20.13	20.17	20.10	20.41	20.84	21.07

<b>Water Year 2008</b>	
<b>Mean</b>	20.59
<b>High</b>	19.97
<b>Low</b>	21.23

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